

Please type a plus sign (+) inside this box → +

PTO/SB/08B (10-96)

Approved for use through 10/31/99. OMB 0654-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<div style="text-align: center;"><div style="border: 1px solid black; border-radius: 50%; width: 100px; height: 100px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"><div style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: 8px;">RECEIVED JUL 08 2004 PTO</div></div><p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p><p><i>(use as many sheets as necessary)</i></p></div>		<div style="text-align: center; border: 1px solid black; padding: 2px;">Complete if Known</div> <table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="width: 50%;">Application Number</td><td style="width: 50%;">10/044,205</td></tr><tr><td>Filing Date</td><td>October 22, 2001</td></tr><tr><td>First Named Inventor</td><td>Kapeller-Libermann, Rosana</td></tr><tr><td>Group Art Unit</td><td>1642</td></tr><tr><td>Examiner Name</td><td>Yu, Missok</td></tr><tr><td>Attorney Docket Number</td><td>MPI00-438P1RM</td></tr></table>		Application Number	10/044,205	Filing Date	October 22, 2001	First Named Inventor	Kapeller-Libermann, Rosana	Group Art Unit	1642	Examiner Name	Yu, Missok	Attorney Docket Number	MPI00-438P1RM
Application Number	10/044,205														
Filing Date	October 22, 2001														
First Named Inventor	Kapeller-Libermann, Rosana														
Group Art Unit	1642														
Examiner Name	Yu, Missok														
Attorney Docket Number	MPI00-438P1RM														
Sheet	1	of	1												

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include the name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and-or country where published.	T ²
my	C1	Weiss, Ellen R. et al., "Species-Specific Differences in Expression of G-Protein-Coupled Receptor Kinase (GRK) 7 and GRK 1 in Mammalian Cone Photoreceptor Cells: Implications for Cone Cell Phototransduction", The Journal of Neuroscience 21(23):9175-9184 (2001)	
↓	C2	Chen, Ching-Kang et al., "Characterization of Human GRK7 as a Potential Cone Opsin Kinase", Molecular Vision 7 :305-313 (2001)	
↓	C3	Cidyclyan, Artur V. et al., "Cone Deactivation Kinetics and GRK1/GRK7 Expression in Enhanced S Cone Syndrome Caused by Mutants in NR2E3", Investigative Ophthalmology and Visual Science 44(3) :1268-1274 (2003)	

Examiner Signature		Date Considered	9-23-04
--------------------	--	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation design number. ²Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

+

+

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO JUL 06 2004 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
Sheet 1 of 1				Application Number 10/044,205	
				Filing Date October 22, 2001	
				First Named Inventor Kapeller-Libermann, Rosana	
				Group Art Unit 1642	
				Examiner Name Yu, Missok	
				Attorney Docket Number MPI00-438P1RM	

[illegible][illegible]

Examiner Signature	<i>Misak Z</i>	Date Considered	9-23-04
-----------------------	----------------	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation design number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

SEP 23 2002
 10/58
 PATENT & TRADEMARK OFFICE

Form PTO/SB/08A		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/044,205
		Filing Date	October 22, 2001
		First Named Inventor	Rosana Kapeller-Libermann
		Group Art Unit	1642
		Examiner Name	Misook Yu
Attorney Docket Number	10147-52U1		
Sheet	1	of	1

RECEIVED

SEP 24 2002

TECH CENTER 1600/2900

U.S. PATENT DOCUMENTS						
Exr Initials	U.S. Patent Document		Name of Inventor or Applicant of Cited Document	Date of Publication of Cited Document		
	Number	Kind Code (if known)		MM-YYYY		
my	5,998,188		Stork et al.	12-1999		
L	6,165,767		Lai et al.	12-2000		
FOREIGN PATENT DOCUMENTS						
Exr Initials	Foreign Patent Document			Name of Inventor or Applicant of Cited Document	Date of Publication of Cited Document	T ₁
	Country Code	Number	Kind Code (if known)			
my	PCT	WO 98/41539	A2	Genetics Institute, Inc.	09-1998	
	PCT	WO 99/57144	A2	Incyte Pharmaceuticals, Inc.	11-1999	
	PCT	WO 00/55173	A1	Human Genome Sciences, Inc.	09-2000	
	PCT	WO 00/63393	A1	Ceptyr, Inc.	10-2000	
	PCT	WO 01/29221	A2	Zymogenetics, Inc.	04-2001	
	PCT	WO 01/38503	A2	Sugen, Inc.	05-2001	
	PCT	WO 01/57188	A2	Hyseq, Inc.	08-2001	
✓	PCT	WO 01/57190	A2	Hyseq, Inc.	08-2001	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Exr Initials	Include Name of first Author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), volume-issue number(s), page(s), date (in parentheses). If a book, also include publisher and city and/or county where published.	T ₁
my	GENBANK® Database, Accession No. AAC95001	
	GENBANK® Database, Accession No. AAD33910	
	GENBANK® Database, Accession No. AF063016	
	GENBANK® Database, Accession No. BAA25670	
	GENBANK® Database, Accession No. BAB32498	
	GENBANK® Database, Accession No. CAC10195	
	GENBANK® Database, Accession No. CAC10539	
	GENBANK® Database, Accession No. P28563	
	HISATOMI et al., "A novel subtype of G-protein-coupled receptor kinase, GRK7, in teleost cone photoreceptors," FEBS Lett. 424(3):159-164 (1998).	
	NAGASE et al., "Prediction of the coding sequences of unidentified human genes. XX. The complete sequences of 100 new cDNA clones from brain which code for large proteins in vitro," DNA Research 8:85-95 (2001).	
	PEREZ et al., "Recruitment and the role of nuclear localization in polyglutamine-mediated aggregation," J. Cell Biol. 143(6):1457-1470 (1998).	
	WEISS et al., "The cloning of GRK7, a candidate cone opsin kinase, from cone-and rod-dominant mammalian retinas," Mol. Vis. 4:27 (1998).	
✓	ZHAO et al., "Molecular forms of human rhodopsin kinase (GRK1)," J. Biol. Chem. 273(9):5124-5131 (1998).	

Examiner Signature	<i>Misook Yu</i>	Date Considered	9-23-04
--------------------	------------------	-----------------	---------